# Discharge of Bow and Elbow Rivers at Calgary.

## 1910-11 to 1920-21

See Pages 157 and 169 of Water Resources Paper # 36 (Note. The Various Discharges have as Authority the Water Resources Paper for the year given)

Note. To get actual discharge in Second Feet, multiply figures given by 10·53

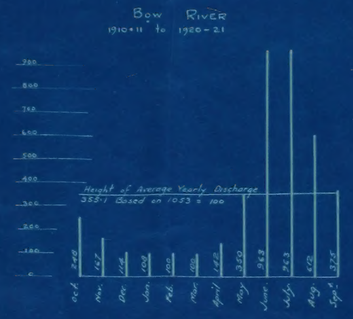
Graph. No. 77-E

## Average Annual and Monthly Discharge

Note. 1053 is the lowest average number of Second Feet of the Bow River for the Eleven Years, viz; February, and for convenience of comparison in plotting was taken as 100

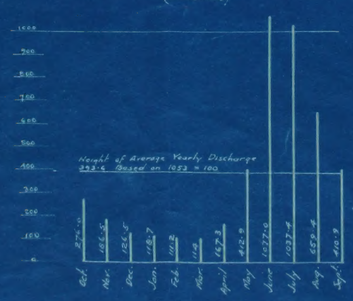
Scale 1" = 400

(1) Bow River 1910-11 to 1920-21

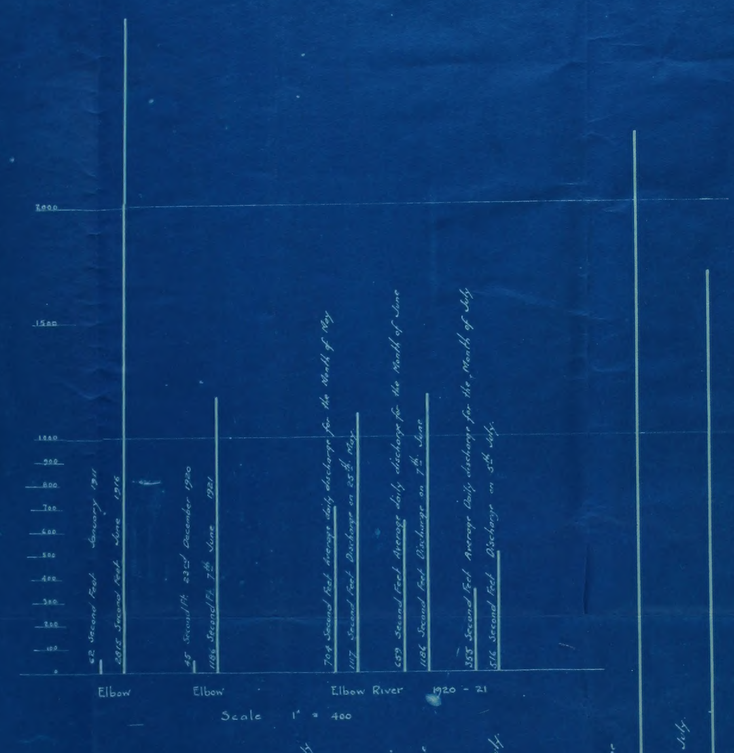



(2) Elbow River

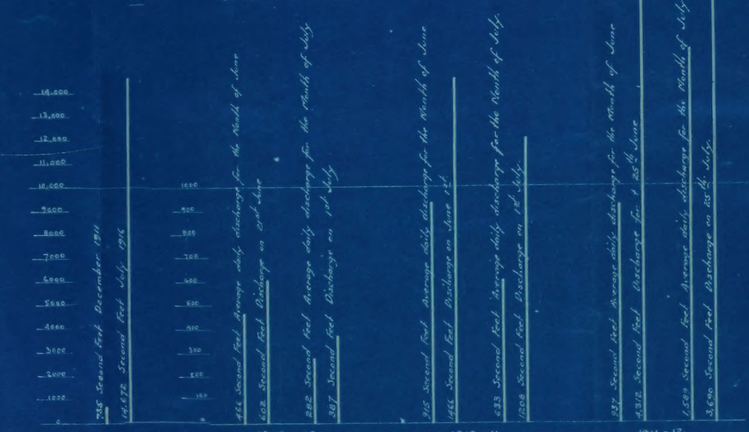
(3) Bow and Elbow Rivers (Combined)




## Various Daily Discharges

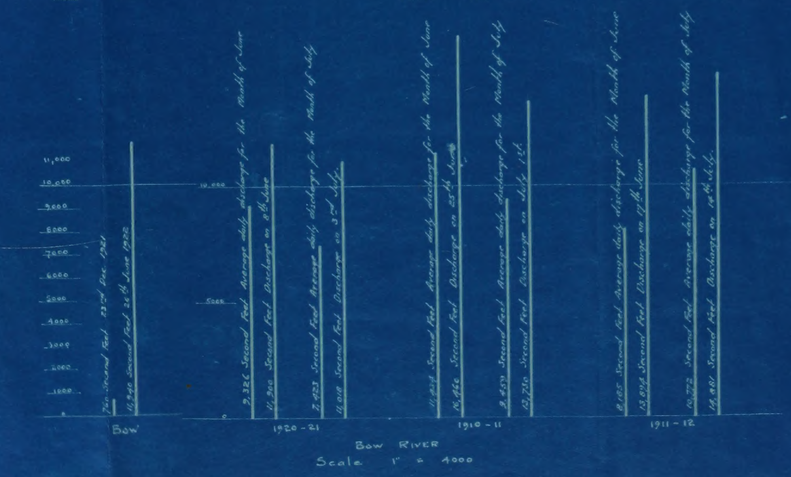

42 Second Feet January 1911
2855 Second Feet June 1916
48 Second Ft 22nd December 1910
1180 Second Ft 7th June 1921
748 Second Feet Average daily discharge for the Month of May
417 Second Feet Discharge on 28th May
639 Second Feet Average daily discharge for the Month of June
1064 Second Feet Discharge on 7th June
355 Second Feet Average daily discharge for the Month of July
576 Second Feet Discharge on 31st July.
Elbow
Elbow
Elbow River 1920 - 21

Scale 1" = 400


736 Second Feet December 1911
64,572 Second Feet July 1916
224 Second Feet Average daily discharge for the Month of June
608 Second Feet Discharge on 22nd June
282 Second Feet Average daily discharge for the Month of July
387 Second Feet Discharge on 31st July
915 Second Feet Average daily discharge for the Month of June
665 Second Feet Discharge on June 21st
233 Second Feet Average daily discharge for the Month of July
1208 Second Feet Discharge on 28th July.
137 Second Feet Average daily discharge for the Month of June
4312 Second Feet Discharge for 28th June
1589 Second Feet Average daily discharge for the Month of July
3640 Second Feet Discharge on 25th July.
Bow
1909 - 10
1910 - 11
1911 - 12

Scale 1" = 4000

Elbow River
Scale 400 = 1"


7th Second Feet 23rd Dec 1921
10,940 Second Feet 24th June 1920
9,320 Second Feet Average daily discharge for the Month of June
10,340 Second Feet Discharge on 28th June
2,403 Second Feet Average daily discharge for the Month of July
2,618 Second Feet Discharge on 3rd July
10,444 Second Feet Average daily discharge for the Month of June
10,446 Second Feet Discharge on 25th June
8,433 Second Feet Average daily discharge for the Month of July
10,520 Second Feet Discharge on 31st July
6,658 Second Feet Average daily discharge for the Month of June
18,894 Second Feet Discharge on 17th June
5,572 Second Feet Average daily discharge for the Month of July
14,660 Second Feet Discharge on 19th July.
Bow
1920 - 21
1910 - 11
1911 - 12

Bow River
Scale 1" = 4000

# Discharge of Bow and Elbow Riv

## 1910-11 to 1920-21

See Pages 157 and 169 of Water Resources Paper # 36 (Note. The Varia
the Water Resources Paper for the year given)

Note. To get actual discharge in Second Feet, multiply figures given b

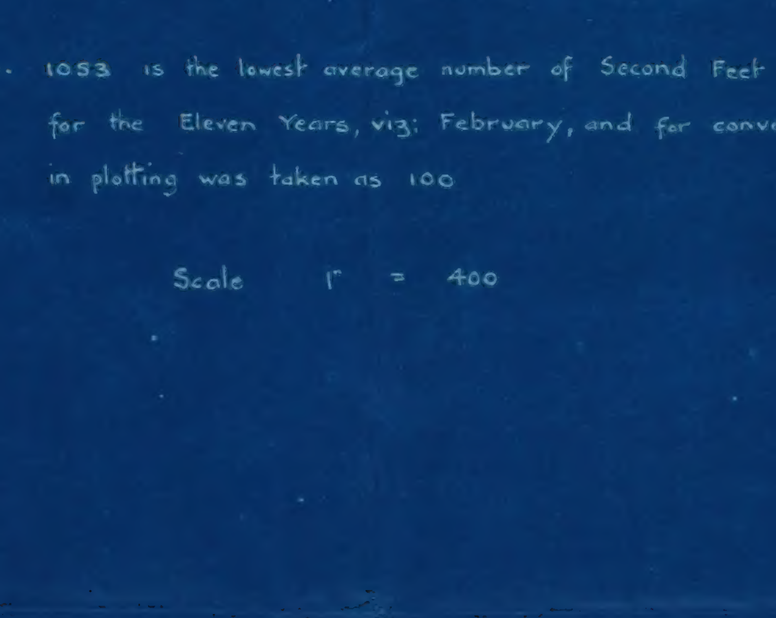
## Average Annual and Monthly Discharge

Note. 1053 is the lowest average number of Second Feet of the Bow River for the Eleven Years, viz; February, and for convenience of comparison in plotting was taken as 100

Scale 1" = 400

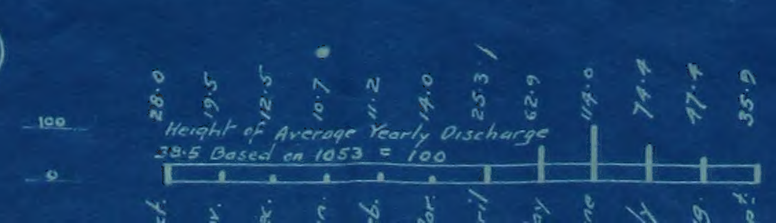
(1)

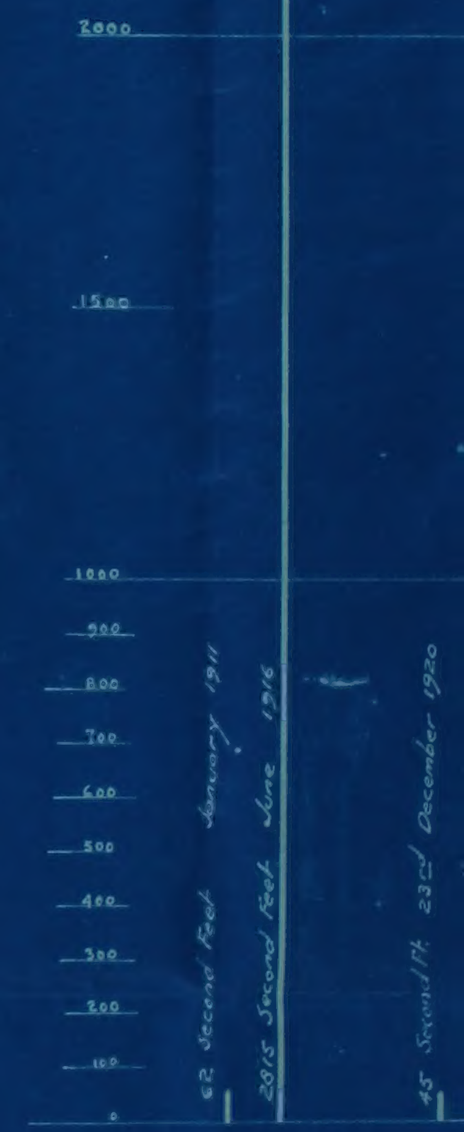
Bow River
1910-11 to 1920-21




Elbow River

(2)



# ELBOW RIVERS AT CALGARY.

## 920-21

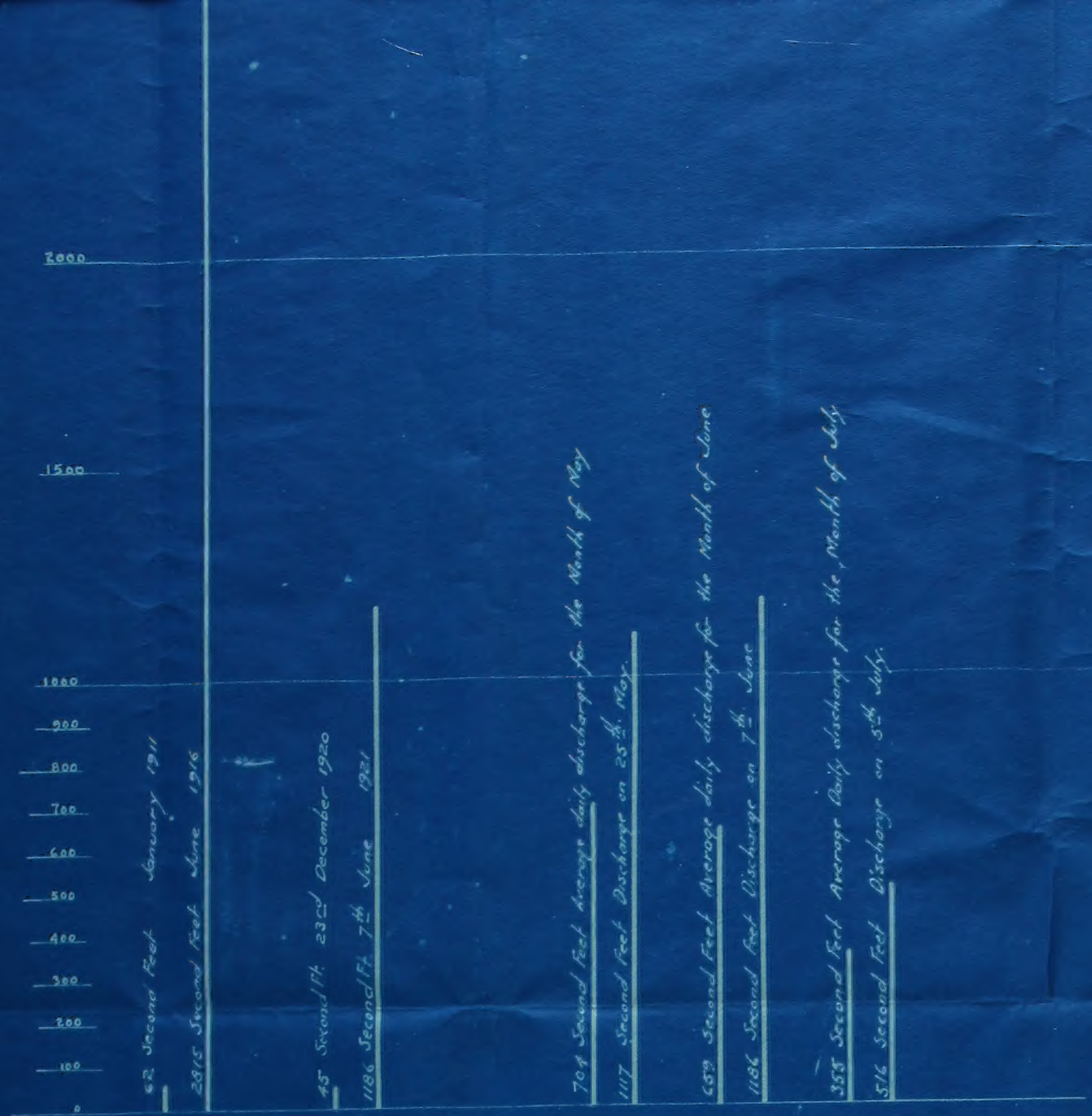
Paper # 36 (Note. The various Discharges have as Authority for the year given)

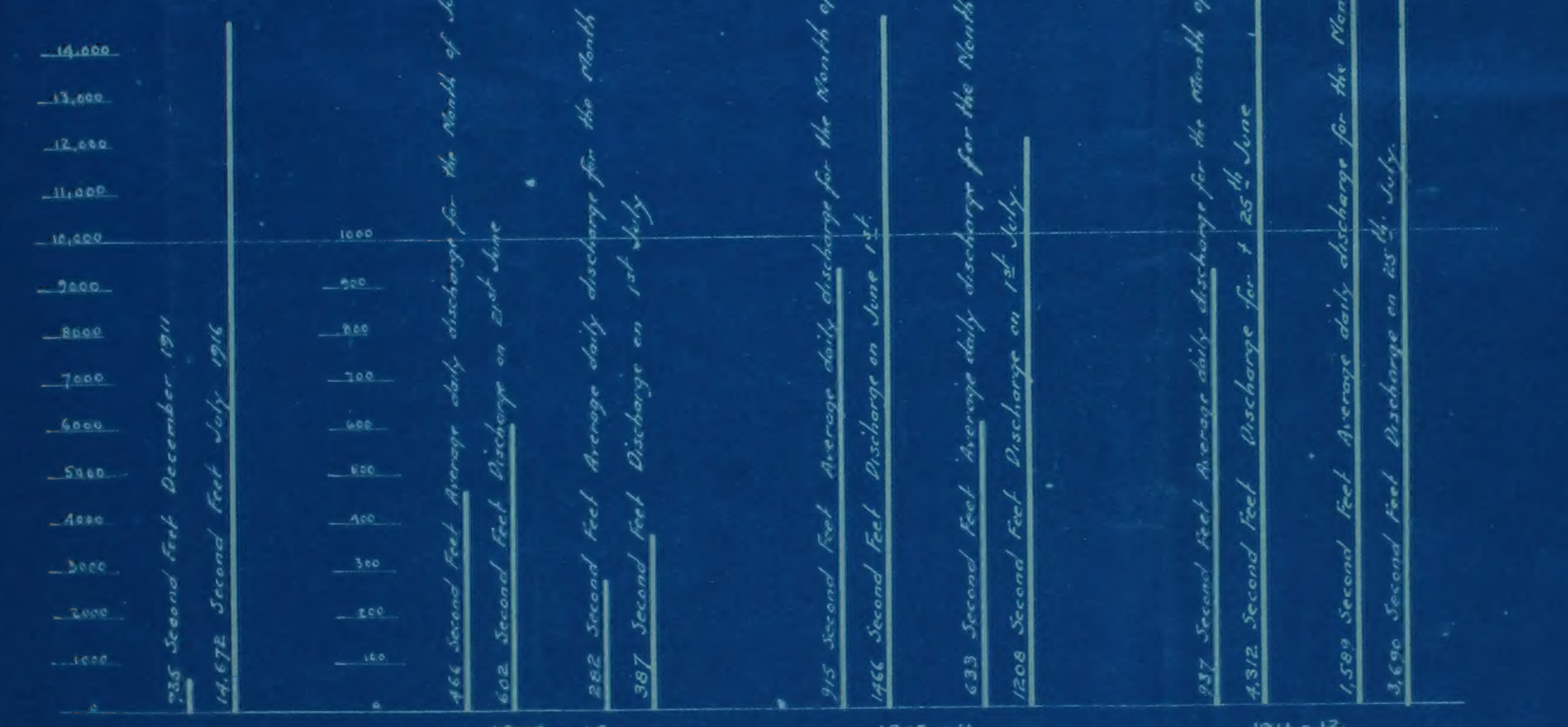
d Feet, multiply figures given by 10·53

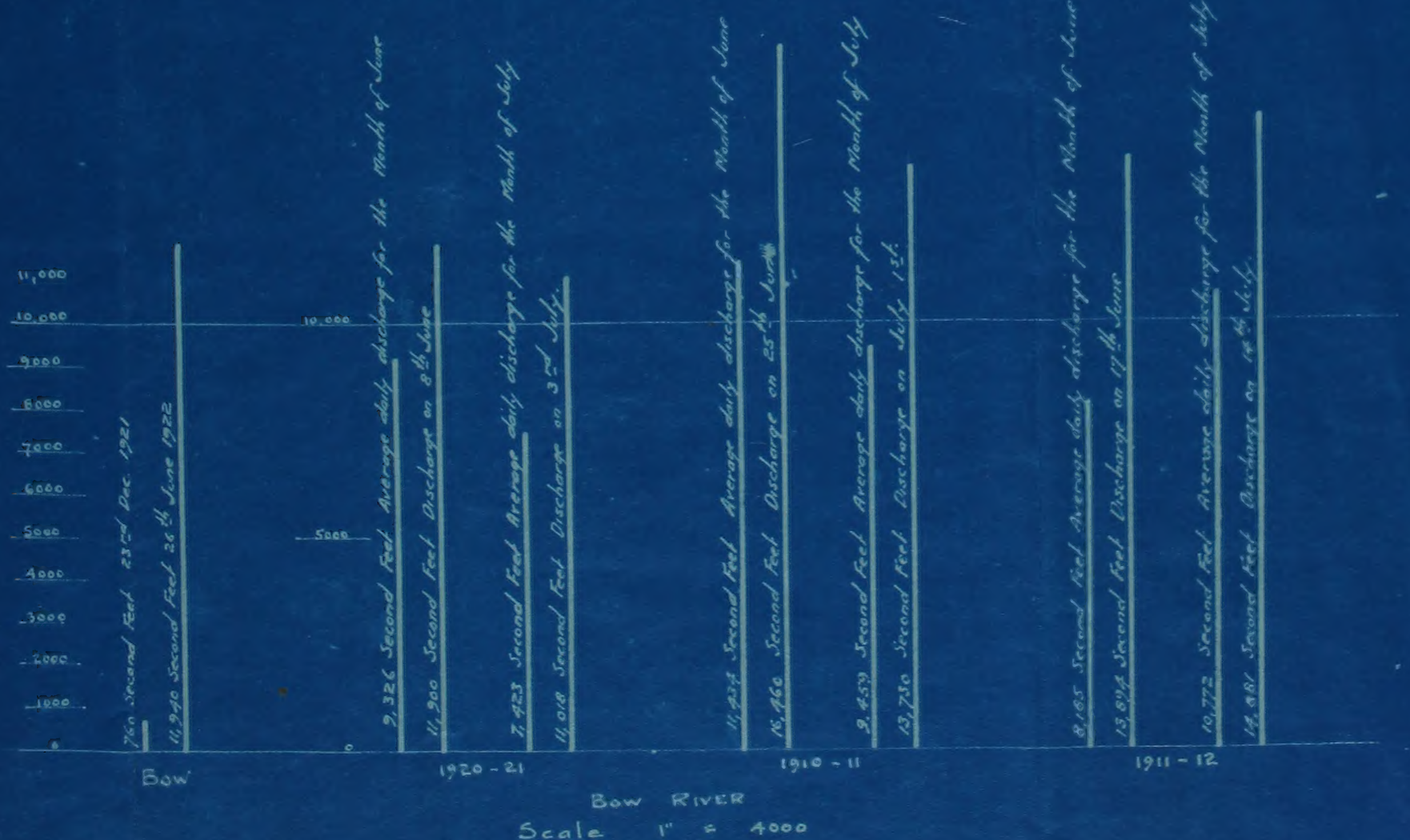
Graph. No. 77-2

## VARIOUS DAILY DISCHARGES

2000
1500
1000
900
800
700
600
500
400
300
200
100
0
62 Second Feet January 1911
2815 Second Feet June 1916
45 Second Ft. 23rd December 1920
1186 Second Ft. 7th June 1921
704 Second Feet Average daily discharge for the Month of May
1117 Second Feet Discharge on 25th. May.
639 Second Feet Average daily discharge for the Month of June
1196 Second Feet Discharge on 7th. June
355 Second Feet Average daily discharge for the Month of July.
516 Second Feet Discharge on 5th July.
Elbow
Elbow
Elbow River 1920 - 21
Scale 1" = 400
14,000
13,000
12,000
11,000
10,000
9000
8000
7000
6000
5000
4000
3000
2000
1000
735 Second Feet December 1911
19,672 Second Feet July 1916
466 Second Feet Average daily discharge for the Month of June
602 Second Feet Discharge on 21st June
282 Second Feet Average daily discharge for the Months of July
387 Second Feet Discharge on 1st July.
915 Second Feet Average daily discharge for the Months of June
1466 Second Feet Discharge on June 1st
633 Second Feet Average daily discharge for the Months of July.
1208 Second Feet Discharge on 1st July.
937 Second Feet Average daily discharge for the Months of June
4,312 Second Feet Discharge for 25th June
1,589 Second Feet Average daily discharge for the Months of July
3,690 Second Feet Discharge on 25th July.
1909 - 10
1910 - 11
1911 - 12
Bow
Elbow River


62 Second Feet January 1911
2815 Second Feet June 1916
45 Second Ft. 23rd December 1920
1186 Second Ft. 7th June 1921
704 Second Feet Average daily discharge for the Month of May
1117 Second Feet Discharge on 25th May.
659 Second Feet Average daily discharge for the Month of June
1184 Second Feet Discharge on 7th June
355 Second Feet Average daily discharge for the Month of July
516 Second Feet Discharge on 3rd July.
Elbow
Elbow
Elbow River 1920 - 21
Scale 1" = 400


735 Second Feet December 1911
14,672 Second Feet July 1916
466 Second Feet Average daily discharge for the Month of June
602 Second Feet Discharge on 23rd June
282 Second Feet Average daily discharge for the Month of July.
387 Second Feet Discharge on 1st July.
915 Second Feet Average daily discharge for the Month of June
1466 Second Feet Discharge on June 1st.
633 Second Feet Average daily discharge for the Month of July.
1208 Second Feet Discharge on 1st July.
937 Second Feet Average daily discharge for the Month of June
4,312 Second Feet Discharge for 25th June
1,589 Second Feet Average daily discharge for the Month of July.
3,690 Second Feet Discharge on 25th July.
Bow
1909 - 10
1910 - 11
1911 - 12
Elbow River
Scale 1" = 4000
Scale 400 = 1"


760 Second Feet 23rd Dec. 1921
11,940 Second Feet 26th June 1922
9,326 Second Feet Average daily discharge for the Month of June
11,900 Second Feet Discharge on 8th June
7,423 Second Feet Average daily discharge for the Month of July.
11,018 Second Feet Discharge on 3rd July.
11,824 Second Feet Average daily discharge for the Month of June
16,460 Second Feet Discharge on 25th June
9,459 Second Feet Average daily discharge for the Month of July
13,750 Second Feet Discharge on 1st July.
8,185 Second Feet Average daily discharge for the Month of June
13,814 Second Feet Discharge on 17th June
10,772 Second Feet Average daily discharge for the Month of July.
14,881 Second Feet Discharge on 1st July.
Bow
1920 - 21
1910 - 11
1911 - 12
Bow River
Scale 1" = 4000

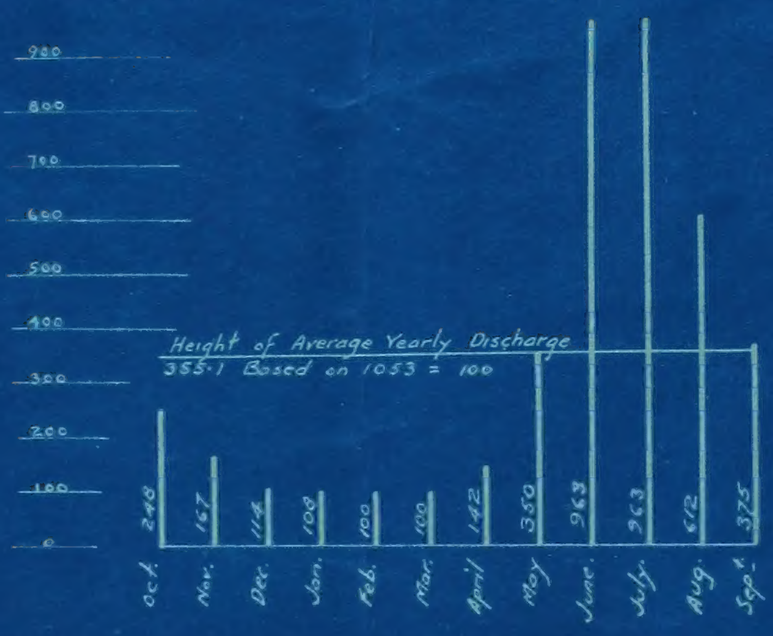
# AVERAGE ANNUAL AND MONTHLY DISCHARGE

Note. 1053 is the lowest average number of Second Feet of the Bow River for the Eleven Years, viz: February, and for convenience of comparison in plotting was taken as 100

Scale 1" = 400

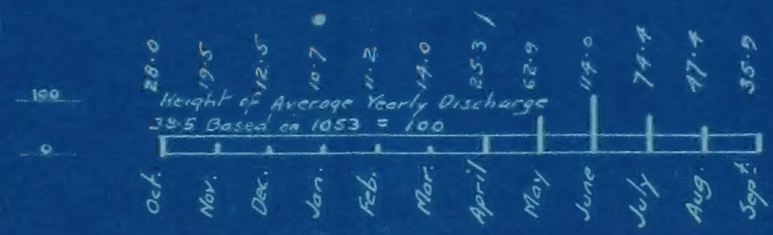
(1)

BOW RIVER
1910-11 to 1920-21



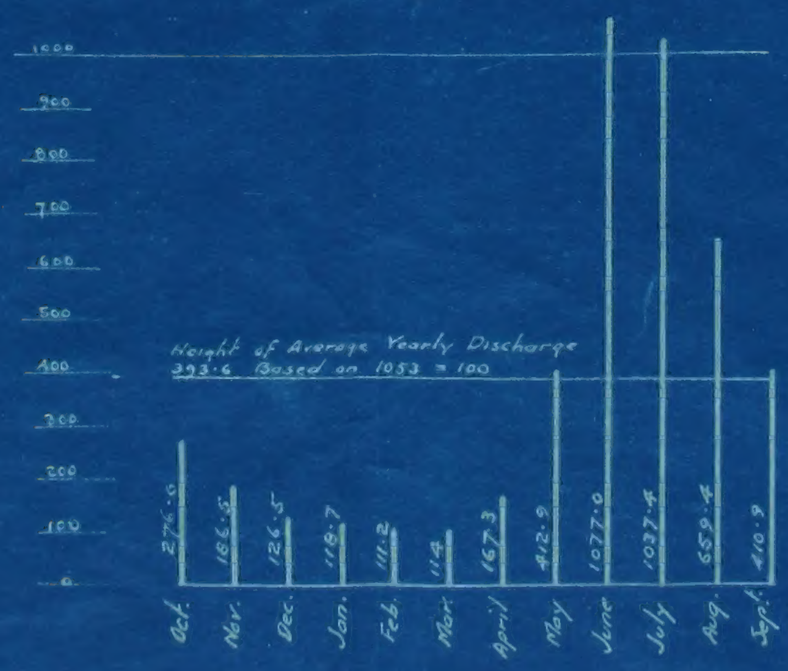

ELBOW RIVER

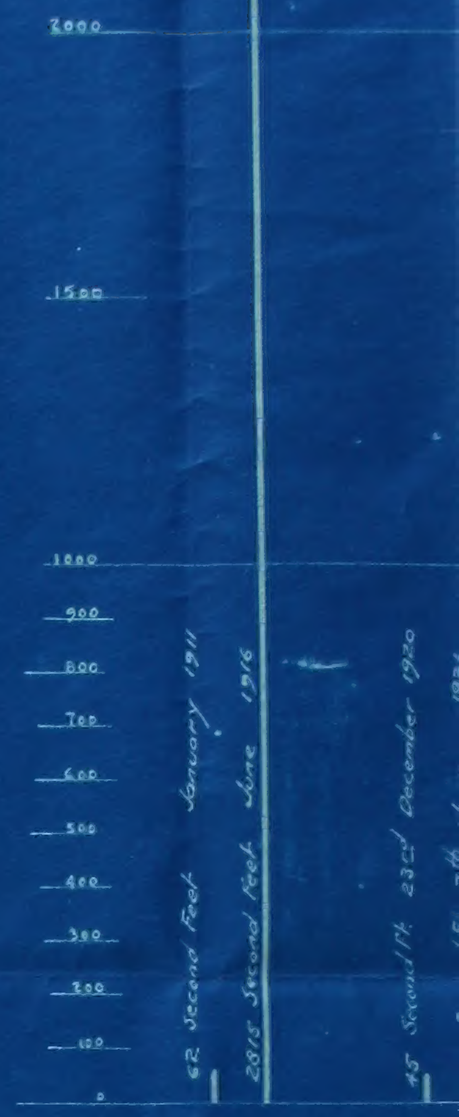
(2)

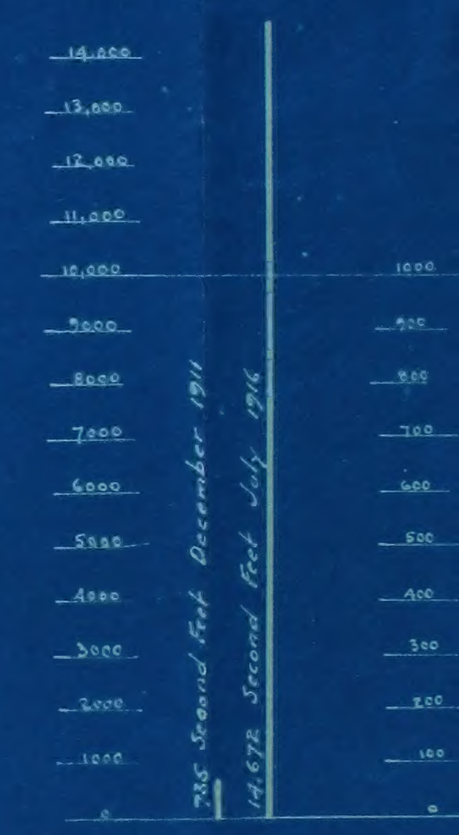



(3.)

BOW AND ELBOW RIVERS
(COMBINED)

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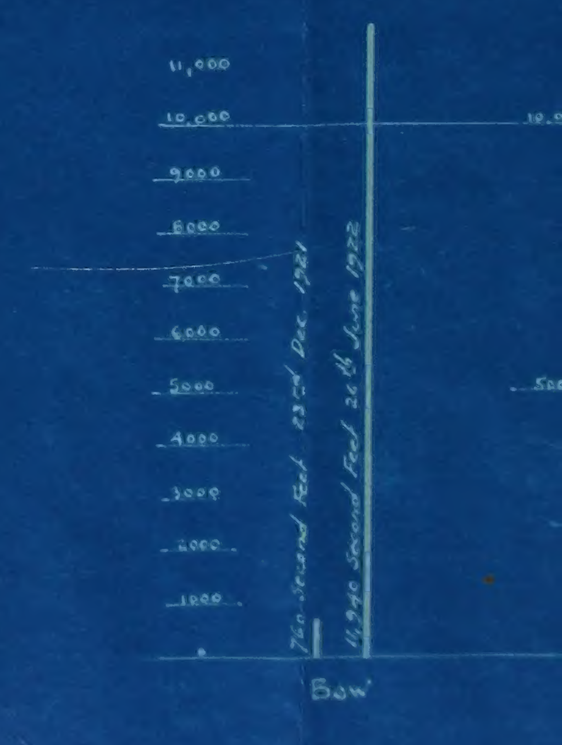

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